

What is claimed:

1. A light source for detecting forensic residues at a site that are not detectable under ambient lighting, said light source comprising: a thin walled housing member having an interior space including a frontal opening and a rear base; a rechargeable battery operatively mounted on said rear base; a handle member removably attachable to said housing member; a source of white light mounted in said frontal opening; means including switch means carried on said housing member for electrically connecting said source to said battery; a reflector member surrounding said source for receiving illumination from said source and projecting reflected illumination forwardly; a cylindrical housing assembly including a frontal lens connected with said housing member at said frontal opening for receiving said reflected illumination from said reflector member and forwardly projecting illumination in a shallow angle beam; a transverse slot formed in said housing assembly and intersecting said reflected illumination; and a first slide member slidable in said slot between a plurality of detented positions, said slide member having a first set of a plurality of wavelength filters for selectively illuminating certain of said forensic residues wherein one of said filters is interposed in said reflected illumination in one of said selected positions.
2. The light source as recited in claim 1 including a second slide member having a second set of a plurality of wavelength filters for selectively illuminating other forensic residues.

3. The light source as recited in claim 2 wherein at least one of said slide members includes an unfiltered opening registering with said reflected illumination in one of said selected positions.
4. The light source as recited in claim 2 wherein said filters on one of said slide members have effective wavelength cutoffs of around 365nm, 415nm and 450 nm.
5. The light source as recited in claim 2 wherein said filters on the other of said slide members have effective wavelength cutoffs of around 470, 505nm, and 530 nm.
6. The light source as recited in claim 4 wherein said slide member includes indicia identifying said wavelength cutoffs.
7. The light source as recited in claim 4 wherein said slide member has a plurality of spaced notches and detent means carried on said lens housing assembly selectively engage said notches to establish selectively said detented positions.
8. The light source as recited in claim 2 including port means on said housing member and fan means carried in said housing member and fluidly connected with said port means and operative for removing heat generated by said source during illumination.
9. The light source as recited in claim 8 wherein said port means includes an inlet adjacent said slide member and an outlet at the rear of said housing.
10. The light source as recited in claim 2 including mounting means for selectively attaching said handle member to said housing member at the top or the bottom thereof.

11. The light source as recited in claim 1 including a carrying case containing a second slide member, a tripod, coupling means on said housing member for attaching said light source to said tripod, a recharging assembly for said battery; a plurality of barrier filter goggles for wearing by said user during operation of said light source to enhance observability of said forensic residue; and a plurality of camera lens barrier filters for use on a camera for recording observed forensic residue.
12. The light source as recited in claim 10 wherein said barrier filter goggles have yellow, orange, red and UV clear coloration.